COMPLETE IF KNOWN

Declaration

DECLARATION FOR UTILITY OR

DESIGN

PATENT APPLICATION

(37 CFR 1.63)

☐ Declaration

PTQ/SB/01 (06-03) Approved for use through 07/31/2003. QMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

KE-CHI JANG

NRT.0118US (15982RRUS02U)

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Attorney Docket Number

First Named Inventor

Application Number

Filing Date

Gubriniceu	Submitted after	AROIN							
with Initial Filing	Initial Filing (surcharge (37 CFR 1.16(e))	ling (surcharge Syamings Name							
	noe, mailing address, and citi named below to be the orig	zenship are as stated below n inal and first inventor(s) of the			nd for which a				
I INDICATION OF	WHETHER THE LOCAT	WIRELESS COMMUNIC ION SERVICE IS AN EMI LATED LOCATION SER	ERGENCY-RI	WORK USING : ELATED LOCA [*]	AN TION				
the specification of	which	Title of the Invention)							
is attached her	eto								
OR was filed on		as Unite	ed States Applic	ation Number or P	CT International				
Application Number	an	d was amended on (MM/DD/)	m		(if applicable).				
I hereby state that I have emended by any amend	re reviewed and understand to	ne contents of the above ident	ified specification	n, including the de	ims, as				
CONTINUE (1000-10-10-10)	ty to disclose information volcations, material information tional filling date of the continu	which is material to patental n which became available beto stion-in-part application.	bility as define ween the filling d	d in 37 CFR 1,\$ late of the prior app	6, including for plication and the				
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 335(b) of any foreign application(s) for patent, inventor's or plant breeder's rights cartificate(s), or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT International application having a filing date before that of the application on which priority is claimed.									
Prior Foreign		Foreign Filing Date	Priority	Certified Cop YES	y Attached? NO				
			.0000	0.00.	0.00				
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.									

[Page 1 of 2]

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: Customer Number 21906 OR Correspondence address below								
Name								
Address								
City State ZIP								
Country		Telaphone		•		Fax		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.								
NAME OF SOLE OR FIRST INV	ENTOR :	:		A petiti	on has been f	iled for this unsigned inventor		
Given Name (first and middle [if any]) Ke-Chi				Family I				
Inventor's						Date		
Signature Residence: City Plage			State TX Country U.S.A.		Country U.S.A.	Citizenship Claims Tan Way	03/12/0	
Malling Address 7017 Stoddard Lane								
City Plano	State TX			ZIP 75	025	Country U.S.A.		
NAME OF SECOND INVENTOR				A petit	ion has bean	filed for this unsigned inventor	1	
Given Name (first end middle [if any]) Robert E. Family Name or Surname Denman								
Inventor's Date								
Residence: City Plano State TX Country U.S.A. Citizenship U.S.A.								
Mailing Address 2420 San Gabriel Dri	ve							
City Plano	State T	x		ZIP 15	074	Country U.S.A.		
Additional inventors or a legal Represe	entative are	being name	d on1	suppl	emental sheet(s)	PTO/SB/02A or 02LR are attached		

[Page 2 of 2]

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet

Page 1 of 1

				:					
Name of Addition	onal Joint Inventor, if any:								
Given Na	me (first and middle [if any])		Family Nar	me or	r Surname			
Chung-Ching			Wan	g					
Inventor's Signature		Date							
Residence: City	Plano	State TX			Citizenship Taiwan				
Mailing Address	756 Player Drive								
Mailing Address				-···					
City	Plano	State TX		ZIP 75025	Count	ry			
Name of Addition	me of Additional Joint Inventor, if any:								
Given Na	me (first and middle [if any])		Family Na	me or	Surname			
Inventor's Signature						Date			
Residence: City		State		Country		Citizenship			
Mailing Address			,						
Mailing Address									
City		State		ZIP	Cou	untry			
Name of Additior	nal Joint Inventor, if any	/ :		A petition has been file	d for t	his unsigned inventor			
Given Na	me (first and middle [if any])		Family Na	me or	Surname			
Inventor's Signature						Date			
Residence: City		State	Citizenship						
Mailing Address									
Mailing Address									
City		State		ZIP		Country			

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NRT.0118US (15982RRUS02U)

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Attorney Docket Number

DECLARATION FOR UTILITY OR	First Named Inventor	KE-	KE-CHI JANG						
DESIGN	COMPLETE IF KNOWN								
PATENT APPLICATION	Application Number								
(37 CFR 1.63)	Filing Date								
Declaration Submitted OR Submitted OR Submitted after	Art Unit								
with Initial Initial Filing Filing (surcharge (37 CFR 1.16(e))	Examiner Name								
I hereby declare that:									
Each inventor's residence, mailing address, and citi	zenship are as stated below no	ext to my nam	e.						
I believe the inventor(s) named below to be the orig patent is sought on the invention entitled:	inal and first inventor(s) of the	subject matte	r which is claimed and for which a						
PROVIDING A LOCATION SERVICE IN A WIRELESS COMMUNICATIONS NETWORK USING AN INDICATION OF WHETHER THE LOCATION SERVICE IS AN EMERGENCY-RELATED LOCATION SERVICE OR A LAW ENFORCEMENT-RELATED LOCATION SERVICE the specification of which (Title of the Invention)									
OR was filed on	as Unite	ed States App	ication Number or PCT International						
Application Number an	d was amended on (MM/DD/Y	~~~	(if applicable).						
I hereby state that I have reviewed and understand to	·		, , , , , , ,						
amended by any amendment specifically referred to	above:	•	·						
I acknowledge the duty to disclose information of continuation-in-part applications, material information national or PCT international filing date of the continuational filing date.	n which became available bety	bility as defir ween the filing	date of the prior application and the						
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.									
Prior Foreign	Foreign Filing Date Priority Certified Copy Attached YES NO								
		0.00							
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.									

[Page 1 of 2]

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DECLARATION — Utility or Design Patent Application

								
Direct all correspondence to: Customer Number 21906 OR Correspondence address below								
Name	Name							
Address								
City				State		ZIP		
Country	Ţ	lelephon	H9			Fax		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.								
NAME OF SOLE OR FIRST INV	ENTOR ;] A petit	ion has been fi	led for this unsigned inventor		
Given Name (first and middle (if any)) Ke-Chi				Family I	Name Jang			
Inventor's Signature		,				Date		
Residence: City Plano			State TX		Country U.S.A.	Citizenship China		
Mailing Address 7017 Stoddard Lane								
City Plano	State TX			ZIP 750	025	Country U.S.A.		
NAME OF SECOND INVENTOR				A petiti	ion has been fil	led for this unsigned inventor		
Given Name (first and middle [if any]) Robert E.				Family N				
Inventor's Signature Rollet	ZE	Jan	mas			Date 3-9-2004		
Residence: City Plano			State TX		Country U.S.A.	Citizenship U.S.A.		
Mailing Address 2420 San Gabriel Drive	c							
City Plano	State TX			ZIP 7507	74	Country U.S.A.		
Additional inventors or a legal Representative are being named on supplemental sheet(s) PTO/SB/02A or 02LR are attached								

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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet

Page _1_ of _1

Name of Addition	nal Joint Inventor, if any: A petition has been filed for this unsigned inventor									
Given Na	ame (first and middle [if any])				Family Nam	ne or	Surname		
Chung-Ching				Wan	ıg					
Inventor's Signature								Date		
Residence: City	Plano	State TX Country U.S.A.						Citizenship Taiwan		
Mailing Address	756 Player Drive									
Mailing Address										
City	Plano	State	State TX ZIP 75025 Cou				Count	ntry		
Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor								his unsigned inventor		
Given Na	ame (first and middle [if any])				Family Nam	ne or	Surname		
Inventor's Signature		,						Date		
Residence: City		State			Country		Citizenship			
Mailing Address										
Mailing Address										
City		State			ZIP		Cou	intry		
Name of Addition	nal Joint Inventor, if any	ŗ.			A petition	has been filed	for t	his unsigned inventor		
Given Na	ame (first and middle [if any])				Family Nam	ne or	Surname		
Inventor's Signature								Date		
Residence: City		State			Country			Citizenship		
Mailing Address										
Mailing Address										
City		State			ZIP			Country		

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	Attorney Docket Nu	mber	NRT.0118US (15982RRUS02U)					
DECLARATION FOR UTILITY OR	First Named Invento	or	KE-C	HI JANG				
DESIGN	COMPLETE IF KNOWN							
PATENT APPLICATION	Application Number							
(37 CFR 1.63)	Filing Date							
☑ Declaration ☐ Declaration Submitted OR Submitted after	Art Unit							
with Initial Initial Filing Filing (surcharge (37 CFR 1.16(e))	Examiner Name							
I hereby declare that: Each inventor's residence, mailing address, and citiz I believe the inventor(s) named below to be the origi patent is sought on the invention entitled: PROVIDING A LOCATION SERVICE IN A INDICATION OF WHETHER THE LOCAT SERVICE OR A LAW ENFORCEMENT-RI	nal and first inventor(s) of the WIRELESS COMMUNI FION SERVICE IS AN EN	subject n	natter wh	WORK USING AN				
the specification of which	(Title of the Invention)		_					
is attached hereto								
OR was filed on (MM/DD/YYYY)	as Un	ited State	s Applica	ation Number or PCT International				
Application Number ar	nd was amended on (MM/DD)	YYY)[(if applicable).				
I hereby state that I have reviewed and understand the	ne contents of the above ident	ified spec	ification	including the claims, as				
amended by any amendment specifically referred to a l acknowledge the duty to disclose information continuation-in-part applications, material information national or PCT international filing date of the continu	which is material to patent	tability as tween the	define filing d	d in 37 CFR 1.56, including for ate of the prior application and the				
I hereby claim foreign priority benefits under 35 U.S. plant breeder's rights certificate(s), or 365 (a) of any funited States of America, listed below and have also or plant breeder's rights certificate(s), or any PCT in	PCT international application identified below, by checking	which dea	signated any forei	at least one country other than the gn application for patent, inventor's				
Prior Foreign Application	Foreign Filing Date	Pri	ority	Certified Copy Attached? YES NO				
		[[[יטיטיטים.	0000				
Additional foreign application numbers are listed of	on a supplemental priority dat	a sheet P	TO/SB/0	2B attached hereto.				

[Page 1 of 2]

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Name								
Address								
City State ZIP								
Country		Telephone	9	Fax			Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.								
NAME OF SOLE OR FIRST INV	NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any]) Ke-Chi	·			Family or Surn		ng		
Inventor's Signature							Date	
Residence: City Plano			State TX	Country U.S.A.		J .S.A.	Citizenship China	
Mailing Address 7017 Stoddard Lane								
City Plano	State TX			ZIP 75025			Country U.S.A.	
NAME OF SECOND INVENTOR	:			A petit	ion has t	oeen fi	led for this unsigned inventor	
Given Name (first and middle [if any]) Robert E. Family Name or Surname Denman								
Inventor's Signature Date								
Residence: City Plano State TX Country U.S.A. Citizenship U.S.A.								
Mailing Address 2420 San Gabriel Drie	ve							
City Plano	7 Plano State TX ZIP 75074 Country U.S.A.							
Additional inventors or a legal Representative are being named on1_ supplemental sheet(s) PTO/SB/02A or 02LR are attached								

DECLARATION

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ADDITIONAL INVENTOR(3)

Supplemental Sheet

					L				Page I of 1	
Name of Additio	nal Joint Inventor, if a			A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])					Family Name or Surname					
Chung-Ching Wang										
Inventor's Signature	Con	<u>~</u>	_					Date 3/9/04		
Residence: City	Plano State TX Country U.S.A.							Căzenship Taiwan		
Mailing Address	756 Player Drive									
Malling Address	989									
CIEV	Plano		State	тх		ZIP	75025	Coun	try	
Name of Additional Joint Inventor, if any:										
Given Name (first and middle [if any]) Family Name or Surname							Sumame			
inventor's Signature									Date	
Residence: City		9	itate			Country			Citizenship	
Mailing Address	<u> </u>									
Mailing Address										
City			State			ZIP		Cos	antry	
Name of Addition	nal Joint Inventor, If an	ıy:				A petiti	on has been filed	d for t	his unsigned inventor	
Given Na	ime (first and middle (if any	/I)					Family Nar	ne or	Surname	
							•			
inventor's Signature									Date	
Residence: City		91	ate		Country				Citizenship	
Mailing Address										
Mailing Address										
City		State				ZIP			Country	

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CUSTOMER NO. 21906

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ke-Chi Jang et al. § Group Art: §

Serial No.: § Examiner:

Filed: §

§

For: Providing a Location Service in §
a Wireless Communications §
Network Using an Indication of §
Whether the Location Service is §

Whether the Location Service is an Emergency-Related Location §
Service or a Law EnforcementRelated Location Service §

Atty. Dkt: NRT.0118US

(15982RRUS02U)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313

POWER OF ATTORNEY FOR PATENT APPLICATION

Nortel Networks Limited, a Canadian corporation having principal offices at:

2351 Boulevard Alfred-Nobel St. Laurent, Quebec H4S 2A9, Canada

the owner by assignment of the entire right, title and interest to the invention for PROVIDING A LOCATION SERVICE IN A WIRELESS COMMUNICATIONS NETWORK USING AN INDICATION OF WHETHER THE LOCATION SERVICE IS AN EMERGENCY-RELATED LOCATION SERVICE OR A LAW ENFORCEMENT-RELATED LOCATION SERVICE, by KE-CHI JANG, ROBERT E. DENMAN, AND CHUNG-CHING WANG, in and to the application for patent and any Letters Patent, whether domestic or foreign, that may issue thereon, hereby appoints the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Timothy N. Trop, Reg. No. 28,994; Fred G. Pruner, Jr., Reg. No. 40,779 and Dan C. Hu, Reg. No. 40,025, Howard R. Boyle, Reg. No. 29,617, Mark J. Rozman, Reg. No. 42,117, and Rhonda L. Sheldon, Reg. No. 50,457, of TROP, PRUNER & HU, P.C., with offices located at 8554 Katy Freeway, Ste. 100, Houston, TX 77024;

its attorneys with full power of substitution and revocation, to prosecute all domestic and foreign patent applications, including PCT and EPO filings, relating to said invention and to transact all business connected therewith, including signing of all papers on its behalf and making alterations and amendments.

Please address all correspondence and telephone calls regarding this application to:

Dan C. Hu, TROP, PRUNER & HU, P.C., 8554 Katy Freeway, Ste. 100, Houston, TX 77024, telephone (713) 468-8880.

The undersigned is the representative for the Assignee of the entire right, title, and interest in the patent application identified above, and is authorized to act on behalf of the Assignee.

March 11,2004

NORTEL NETWORKS LIMITED

Name: John D. Crane

Title: Director, Outsourcing IP Law Group